

# **PART 70 OPERATING PERMIT OFFICE OF AIR MANAGEMENT**

**Thunderbird Products, Inc.  
2200 Monroe Street  
Decatur, Indiana 46733**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T001-5903-00031	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date:

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## SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM), and presented in the permit application. The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

### A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

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The Permittee owns and operates a source constructed in 1987 and manufactures fiberglass pleasure boats. The process involves fiberglass lamination, gel coating, wood/plastic working, assembly and spray painting. The facility has 20 significant stacks.

Responsible Official: Jim Laux  
Source Address: 2200 Monroe Street, Decatur, IN 46733  
Mailing Address: 2200 Monroe Street, Decatur, IN 46733  
Phone Number: (219) 724-9111  
SIC Code: 3732 - Boat building  
County Location: Adams  
County Status: Attainment for all criteria pollutants  
Source Status: Part 70 Permit Program  
Minor Source, under PSD or Emission Offset Rules;  
Major Source, Section 112 of the Clean Air Act

### A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

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This stationary source consists of the following emission units and pollution control devices:

- (a) Three (3) gel coating booths, identified as GSB4, GSB5, and GSB6, with a maximum capacity of 0.13 boats per hour per booth, using dry filters as control, and exhausting to stacks/vents #10, #11, and #12.
- (b) Four (4) stationary resin and foam filling booths, identified as, STB1, STB2, STB3, and STB4, with a maximum capacity of 0.005 boats per hour per booth, using dry filters as control, and exhausting to stacks/vents #13, #14, #15, and #16.
- (c) Five (5) IMRON paint spray booths, identified as, SB1, SB2, SB3, SB4, and SB5, with a maximum capacity of 0.078 boats per hour per booth, using dry filters as control, and exhausting to stacks/vents, #18, #19, #20, #21, and #22.
- (d) Six (6) lamination and foam filling areas, identified as: AV2, AV3, AV4, AV5, AV6, and AV7, with a maximum capacity of 0.13 boats per hour per booth, using dry filters as control, and exhausting to stacks/vents, #3, #4, #5, #6, #7, and #8.

### A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

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This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

- (a) Natural gas-fired combustion sources (fourteen space heaters H1 through H14 and two (2) gel spray booth heaters, SBH1 and SBH2) with heat input equal to or less than 10 MMBtu per hour each.

- (b) Eight (8) storage tanks with capacity less than or equal to 1000 gallons and annual throughput less than 12,000 gallons.
- (c) Cleaners and solvents characterized as follows: a) having a vapor pressure equal to or less than 2.0 kPa measured at 38 degrees C or b) having a vapor pressure equal to or less than 0.7 kPa measured at 20 degrees C.
- (d) Brazing, cutting, soldering, welding equipment and activities not resulting in HAPs emissions.
- (e) Two Acetone recovery systems T4 and T6 with batch capacity less than 100 gallons.
- (f) Water bases adhesives that are less than 5% by volume of VOCs excluding HAPs.
- (g) Cut/trim, grinding, machining and wood working equipment and controlled with baghouses BH1 and BH2.
- (h) Other categories with emissions below insignificant thresholds:
  - (1) A wood/plastic working shop identified as BH3, equipped with one (1) baghouse for particulate control, with 99.95% efficiency and exhausting to stack/vent, #17.
  - (2) Activities related to research and development with VOC emissions below 15 pounds per day.
  - (3) Return services limited to minor patching with gel resin, paint touch-up.
  - (4) Assembly/subassembly operations using various adhesives fillers and other sealing type materials.
  - (5) Boat cavity foam filling operations.

**A.4 Part 70 Permit Applicability [326 IAC 2-7-2]**

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This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22).
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (USEPA) under 40 CFR 70.3 (Part 70 Applicability).

## B.1 Permit No Defense [IC 13]

- ## B.2 Definitions [326 IAC 2-7-1]

### B.3 Permit Term [326 IAC 2-7-5(2)]

B.4 Enforceability [326 IAC 2-7-7(a)]

- ## B.5 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

B.6 Severability [326 IAC 2-7-5(5)]

**B.7** Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

**B.8 Duty to Supplement and Provide Information** [326 IAC 2-7-4(b)] [326 IAC 2-7-5(6)(E)]

- (a) The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

- (b) The Permittee shall furnish to IDEM, OAM, within a reasonable time, any information that IDEM, OAM, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit.
- (c) Upon request, the Permittee shall also furnish to IDEM, OAM, copies of records required to be kept by this permit. If the Permittee wishes to assert a claim of confidentiality over any of the furnished records, the Permittee must furnish such records to IDEM, OAM, along with a claim of confidentiality under 326 IAC 17. If requested by IDEM, OAM, or the U.S. EPA, to furnish copies of requested records directly to U. S. EPA, and if the Permittee is making a claim of confidentiality regarding the furnished records, then the Permittee must furnish such confidential records directly to the U.S. EPA along with a claim of confidentiality under 40 CFR 2, Subpart B.

**B.9 Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]**

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- (a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit constitutes a violation of the Clean Air Act and is grounds for:
  - (1) Enforcement action;
  - (2) Permit termination, revocation and reissuance, or modification; or
  - (3) Denial of a permit renewal application.
- (b) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

**B.10 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)]**

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- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted under this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification, and any other certification required under this permit, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, on the attached Certification Form, with each submittal.
- (c) A responsible official is defined at 326 IAC 2-7-1(34).

**B.11 Annual Compliance Certification [326 IAC 2-7-6(5)]**

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- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The certification shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than July 1 of each year to:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V  
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
- (1) The identification of each term or condition of this permit that is the basis of the certification;
  - (2) The compliance status;
  - (3) Whether compliance was based on continuous or intermittent data;
  - (4) The methods used for determining compliance of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3);
  - (5) Any insignificant activity that has been added without a permit revision;
  - (6) Such other facts, as specified in Sections D of this permit, as IDEM, OAM, may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).



B.12 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)]  
[326 IAC 1-6-3]

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- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMP) within ninety (90) days after issuance of this permit, including the following information on each facility:
- (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission units and associated emission control devices;
  - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions;
  - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If due to circumstances beyond its control, the PMP cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

- (b) The Permittee shall implement the Preventive Maintenance Plans as necessary to ensure that lack of proper maintenance does not cause or contribute to a violation of any limitation on emissions or potential to emit.
- (c) PMP's shall be submitted to IDEM, OAM, upon request and shall be subject to review and approval by IDEM, OAM.

B.13 Emergency Provisions [326 IAC 2-7-16]

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- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-7-16.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
  - (2) The permitted facility was at the time being properly operated;
  - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

- (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAM, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Management, Compliance Section), or  
Telephone Number: 317-233-5674 (ask for Compliance Section)  
Facsimile Number: 317-233-5967

- (5) For each emergency lasting one (1) hour or more, the Permittee submitted notice, either in writing or facsimile, of the emergency to:

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions) for sources subject to this rule after the effective date of this rule. This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) IDEM, OAM, may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4-(c)(10) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAM, by telephone or facsimile of an emergency lasting more than one (1) hour in compliance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.

- (g) Operations may continue during an emergency only if the following conditions are met:
  - (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
  - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
    - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
    - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value.

Any operation shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

**B.14 Permit Shield [326 IAC 2-7-15]**

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- (a) This condition provides a permit shield as addressed in 326 IAC 2-7-15.
- (b) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits. Compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that:
  - (1) The applicable requirements are included and specifically identified in this permit; or
  - (2) The permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable.
- (c) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, including any term or condition from a previously issued construction or operation permit, IDEM, OAM, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.
- (d) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application.
- (e) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
  - (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
  - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;

- (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
- (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- (f) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (g) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAM, has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (h) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAM, has issued the modification. [326 IAC 2-7-12(b)(7)]

**B.15 Multiple Exceedances [326 IAC 2-7-5(1)(E)]**

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Any exceedance of a permit limitation or condition contained in this permit, which occurs contemporaneously with an exceedance of an associated surrogate or operating parameter established to detect or assure compliance with that limit or condition, both arising out of the same act or occurrence, shall constitute a single potential violation of this permit.

**B.16 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]**

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- (a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

within ten (10) calendar days from the date of the discovery of the deviation.

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:
  - (1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or
  - (2) An emergency as defined in 326 IAC 2-7-1(12); or
  - (3) Failure to implement elements of the Preventive Maintenance Plan unless lack of maintenance has caused or contributed to a deviation.
  - (4) Failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.

A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.

- (c) Written notification shall be submitted on the attached Emergency/Deviation Occurrence Reporting Form or its substantial equivalent. The notification does not need to be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (d) Proper notice submittal under 326 IAC 2-7-16 satisfies the requirement of this subsection.

**B.17 Permit Modification, Reopening, Revocation and Reissuance, or Termination**  
**[326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]**

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- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)]
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAM, determines any of the following:
  - (1) That this permit contains a material mistake.
  - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
  - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAM, to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAM, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAM, may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

**B.18 Permit Renewal [326 IAC 2-7-4]**

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- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAM, and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

- (b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]
  - (1) A timely renewal application is one that is:
    - (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
    - (B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.
  - (2) If IDEM, OAM, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.
- (c) Right to Operate After Application for Renewal [326 IAC 2-7-3]

If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAM, takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAM, any additional information identified as being needed to process the application.
- (d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]

If IDEM, OAM, fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

**B.19 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]**

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- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

Any such application should be certified by the "responsible official" as defined by 326 IAC 2-7-1(34) only if a certification is required by the terms of the applicable rule
- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.20 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)]  
[326 IAC 2-7-12 (b)(2)]

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- (a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.
- (b) Notwithstanding 326 IAC 2-7-12(b)(1)(D)(i) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.21 Changes Under Section 502(b)(10) of the Clean Air Act [326 IAC 2-7-20(b)]

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The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a) and the following additional conditions:

- (a) For each such change, the required written notification shall include a brief description of the change within the source, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.
- (b) The permit shield, described in 326 IAC 2-7-15, shall not apply to any change made under 326 IAC 2-7-20(b).

B.22 Operational Flexibility [326 IAC 2-7-20]

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- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any approval required by 326 IAC 2-1 has been obtained;
- (3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V  
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)  
77 West Jackson Boulevard  
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

- (5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAM, in the notices specified in 326 IAC 2-7-20(b), (c)(1), and (e)(2).

- (b) For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:
- (1) A brief description of the change within the source;
  - (2) The date on which the change will occur;
  - (3) Any change in emissions; and
  - (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) Emission Trades [326 IAC 2-7-20(c)]  
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]  
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAM, or U.S. EPA is required.
- (e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

**B.23 Construction Permit Requirement [326 IAC 2]**

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Except as allowed by Indiana P.L. 130-1996 Section 12, as amended by P.L. 244-1997, modification, construction, or reconstruction shall be approved as required by and in accordance with 326 IAC 2.



**B.24 Inspection and Entry [326 IAC 2-7-6(2)]**

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Upon presentation of proper identification cards, credentials, and other documents as may be required by law, the Permittee shall allow IDEM, OAM, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- (c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

[326 IAC 2-7-6(6)]

- (1) The Permittee may assert a claim that, in the opinion of the Permittee, information removed or about to be removed from the source by IDEM, OAM, or an authorized representative, contains information that is confidential under IC 5-14-3-4(a). The claim shall be made in writing before or at the time the information is removed from the source. In the event that a claim of confidentiality is so asserted, neither IDEM, OAM, nor an authorized representative, may disclose the information unless and until IDEM, OAM, makes a determination under 326 IAC 17-1-7 through 326 IAC 17-1-9 that the information is not entitled to confidential treatment and that determination becomes final. [IC 5-14-3-4; IC 13-14-11-3; 326 IAC 17-1-7 through 326 IAC 17-1-9]
- (2) The Permittee, and IDEM, OAM, acknowledge that the federal law applies to claims of confidentiality made by the Permittee with regard to information removed or about to be removed from the source by U.S. EPA. [40 CFR Part 2, Subpart B]

**B.25 Transfer of Ownership or Operational Control [326 IAC 2-7-11]**

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- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

The application which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

**B.26 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)]**

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- (a) The Permittee shall pay annual fees to IDEM, OAM, within thirty (30) calendar days of receipt of a billing. If the Permittee does not receive a bill from IDEM, OAM the applicable fee is due April 1 of each year.
- (b) Failure to pay may result in administrative enforcement action, or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0425 (ask for OAM, Technical Support and Modeling Section), to determine the appropriate permit fee.

## SECTION C

## SOURCE OPERATION CONDITIONS

Entire Source
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### Emission Limitations and Standards [326 IAC 2-7-5(1)]

- C.1 Particulate Matter Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [326 IAC 6-3-2(c)]  
Pursuant to 326 IAC 6-3-2(c), the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.
- C.2 Opacity [326 IAC 5-1]  
Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), opacity shall meet the following, unless otherwise stated in this permit:
- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
  - (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.
- C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]  
The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.
- C.4 Incineration [326 IAC 4-2][326 IAC 9-1-2]  
The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2.
- C.5 Fugitive Dust Emissions [326 IAC 6-4]  
The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.
- C.6 Operation of Equipment [326 IAC 2-7-6(6)]  
All air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment is in operation.

C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61.140]

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- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
- (b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:
  - (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
  - (2) If there is a change in the following:
    - (A) Asbestos removal or demolition start date;
    - (B) Removal or demolition contractor; or
    - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management  
Asbestos Section, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (e) **Procedures for Asbestos Emission Control**  
The Permittee shall comply with the emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4 emission control requirements are mandatory for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) **Indiana Accredited Asbestos Inspector**  
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited is federally enforceable.

### **Testing Requirements [326 IAC 2-7-6(1)]**

#### **C.8 Performance Testing [326 IAC 3-6]**

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- (a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing methods approved by IDEM, OAM.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. The Permittee shall submit a notice of the actual test date to the above address so that it is received at least two weeks prior to the test date.

- (b) All test reports must be received by IDEM, OAM within forty-five (45) days after the completion of the testing. An extension may be granted by the Commissioner, if the source submits to IDEM, OAM, a reasonable written explanation within five (5) days prior to the end of the initial forty-five (45) day period.

The documentation submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

### **Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]**

#### **C.9 Compliance Schedule [326 IAC 2-7-6(3)]**

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The Permittee:

- (a) Has certified that all facilities at this source are in compliance with all applicable requirements; and
- (b) Has submitted a statement that the Permittee will continue to comply with such requirements; and
- (c) Will continue to comply with such requirements that become effective during the term of this permit.

#### **C.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]**

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Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment, no more than ninety (90) days after receipt of this permit. If due to circumstances beyond its control, this schedule cannot be met, the Permittee may extend the compliance schedule an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

**C.11 Maintenance of Monitoring Equipment [326 IAC 2-7-5(3)(A)(iii)]**

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- (a) In the event that a breakdown of the monitoring equipment occurs, a record shall be made of the times and reasons of the breakdown and efforts made to correct the problem. To the extent practicable, supplemental or intermittent monitoring of the parameter should be implemented at intervals no less frequent than required in Section D of this permit until such time as the monitoring equipment is back in operation. In the case of continuous monitoring, supplemental or intermittent monitoring of the parameter should be implemented at intervals no less than one (1) hour until such time as the continuous monitor is back in operation.
- (b) The Permittee shall install, calibrate, quality assure, maintain, and operate all necessary monitors and related equipment. In addition, prompt corrective action shall be initiated whenever indicated.

**C.12 Monitoring Methods [326 IAC 3]**

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Any monitoring or testing performed to meet the applicable requirements of this permit shall be performed, according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, or other approved methods as specified in this permit.

**C.13 Pressure Gauge Specifications**

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Whenever a condition in this permit requires the measurement of pressure drop across any part of the unit or its control device, the gauge employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent ( $\pm 2\%$ ) of full scale reading.

**Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]**

**C.14 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]**

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Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

- (a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.
- (b) These ERPs shall be submitted for approval to:

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

within ninety (90) days after the date of issuance of this permit.

The ERP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) If the ERP is disapproved by IDEM, OAM, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP. If after this time, the Permittee does not submit an approvable ERP, then IDEM, OAM, shall supply such a plan.
- (d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.
- (e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.
- (f) Upon direct notification by IDEM, OAM, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

**C.15 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]**

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If a regulated substance, subject to 40 CFR 68, is present at a source in more than a threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall:

- (a) Submit:
  - (1) A compliance schedule for meeting the requirements of 40 CFR 68 by the date provided in 40 CFR 68.10(a); or
  - (2) As a part of the compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and
  - (3) A verification to IDEM, OAM, that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.
- (b) Provide annual certification to IDEM, OAM, that the Risk Management Plan is being properly implemented.

All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

**C.16 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5][326 IAC 2-7-6] [326 IAC 1-6]**

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- (a) The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. This compliance monitoring plan is comprised of:
  - (1) This condition;
  - (2) The Compliance Determination Requirements in Section D of this permit;
  - (3) The Compliance Monitoring Requirements in Section D of this permit;

- (4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and
- (5) A Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. CRP's shall be submitted to IDEM, OAM upon request and shall be subject to review and approval by IDEM, OAM. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of :
  - (A) Response steps that will be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and
  - (B) A time schedule for taking such response steps including a schedule for devising additional response steps for situations that may not have been predicted.
- (b) For each compliance monitoring condition of this permit, appropriate response steps shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to perform the actions detailed in the compliance monitoring conditions or failure to take the response steps within the time prescribed in the Compliance Response Plan, shall constitute a violation of the permit unless taking the response steps set forth in the Compliance Response Plan would be unreasonable.
- (c) After investigating the reason for the excursion, the Permittee is excused from taking further response steps for any of the following reasons:
  - (1) The monitoring equipment malfunctioned, giving a false reading. This shall be an excuse from taking further response steps providing that prompt action was taken to correct the monitoring equipment.
  - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied or;
  - (3) An automatic measurement was taken when the process was not operating; or
  - (4) The process has already returned to operating within "normal" parameters and no response steps are required.
- (d) Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.



C.17 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5]  
[326 IAC 2-7-6]

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- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate corrective actions. The Permittee shall submit a description of these corrective actions to IDEM, OAM, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. IDEM, OAM shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to IDEM, OAM within thirty (30) days of receipt of the notice of deficiency. IDEM, OAM reserves the authority to use enforcement activities to resolve noncompliant stack tests.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAM that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAM may extend the retesting deadline. Failure of the second test to demonstrate compliance with the appropriate permit conditions may be grounds for immediate revocation of the permit to operate the affected facility.

The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

**Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]**

C.18 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]  
[326 IAC 2-7-19 (e)]

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- (a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements and be used for the purpose of a Part 70 fee assessment:
  - (1) Indicate actual emissions of criteria pollutants from the source;
  - (2) Indicate actual emissions of other regulated pollutants from the source.
- (b) The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31. The annual emission statement must be submitted to:

Indiana Department of Environmental Management  
Technical Support and Modeling Section, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015
- (c) The annual emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM on or before the date it is due.

**C.19 Monitoring Data Availability**

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- (a) With the exception of performance tests conducted in accordance with Section C-Performance Testing. All observations, sampling, maintenance procedures, and record keeping, required as a condition of this permit shall be performed at all times the equipment is operating at normal representative conditions.
- (b) As an alternative to the observations, sampling, maintenance procedures, and record keeping of subsection (a) above, when the equipment listed in Section D of this permit is not operating, the Permittee shall either record the fact that the equipment is shut down or perform the observations, sampling, maintenance procedures, and record keeping that would otherwise be required by this permit.
- (c) If the equipment is operating but abnormal conditions prevail, additional observations and sampling should be taken with a record made of the nature of the abnormality.
- (d) If for reasons beyond its control, the operator fails to make required observations, sampling, maintenance procedures, or record keeping, reasons for this must be recorded.
- (e) At its discretion, IDEM may excuse such failure providing adequate justification is documented and such failures do not exceed five percent (5%) of the operating time in any quarter.
- (f) Temporary, unscheduled unavailability of staff qualified to perform the required observations, sampling, maintenance procedures, or record keeping shall be considered a valid reason for failure to perform the requirements stated in (a) above.

**C.20 General Record Keeping Requirements [326 IAC 2-7-5(3)][326 IAC 2-7-6]**

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- (a) Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years and available upon the request of an IDEM, OAM, representative, for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner (or local agency) makes a written request for records to the Permittee, the Permittee shall furnish the records to the Commissioner or local agency within a reasonable time.
- (b) Records of required monitoring information shall include, where applicable:
  - (1) The date, place, and time of sampling or measurements;
  - (2) The dates analyses were performed;
  - (3) The company or entity performing the analyses;
  - (4) The analytic techniques or methods used;
  - (5) The results of such analyses; and
  - (6) The operating conditions existing at the time of sampling or measurement.
- (c) Support information shall include, where applicable:
  - (1) Copies of all reports required by this permit;

- (2) All original strip chart recordings for continuous monitoring instrumentation;
  - (3) All calibration and maintenance records;
  - (4) Records of preventive maintenance shall be sufficient to demonstrate that improper maintenance did not cause or contribute to a violation of any limitation on emissions or potential to emit. To be relied upon subsequent to any such violation, these records may include, but are not limited to: work orders, parts inventories, and operator's standard operating procedures. Records of response steps taken shall indicate whether the response steps were performed in accordance with the Compliance Response Plan required by Section C - Compliance Monitoring Plan - Failure to take Response Steps, of this permit, and whether a deviation from a permit condition was reported. All records shall briefly describe what maintenance and response steps were taken and indicate who performed the tasks.
- (d) All record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

**C.21 General Reporting Requirements [326 IAC 2-7-5(3)(C)]**

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- (a) To affirm that the source has met all the compliance monitoring requirements stated in this permit the source shall submit a Quarterly Compliance Monitoring Report. Any deviation from the requirements and the date(s) of each deviation must be reported. The Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:  
  
Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.
- (d) Unless otherwise specified in this permit, any report shall be submitted within thirty (30) days of the end of the reporting period. The report does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) All instances of deviations as described in Section B- Deviations from Permit Requirements Conditions must be clearly identified in such reports. The Emergency/Deviation Occurrence Report does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (f) Any corrective actions or response steps taken as a result of each deviation must be clearly identified in such reports.

- (g) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period.

#### **SECTION D.1 FACILITY OPERATION CONDITIONS**

##### **Facility Description [326 IAC 2-7-5(15)]**

- a) Three (3) gel coating booths, identified as GSB4, GSB5, and GSB6, with a maximum capacity of 0.13 boats per hour per booth using dry filters as control, and exhausting to stacks/vents #10, #11, and #12.
- b) Four (4) stationary resin and foam filling booths, identified as STB1, STB2, STB3, and STB4, with a maximum capacity of 0.005 boats per hour per booth, using dry filters as control, and exhausting to stacks/vents #13, #14, #15, and #16.
- c) Five (5) IMRON paint spray booths, identified as SB1, SB2, SB3, SB4, and SB5, with a maximum capacity of 0.078 boats per hour per booth, using dry filters as control, and exhausting to stacks/vents #18, #19, #20, #21, and #22.
- d) Six (6) lamination and foam filling areas, identified as: AV2, AV3, AV4, AV5, AV6, and AV7, with a maximum capacity of 0.13 boats per hour per booth, using dry filters as control, and exhausting to stacks/vents #3, #4, #5, #6, #7, and #8.

##### **Emission Limitations and Standards [326 IAC 2-7-5(1)]**

###### **D.1.1 Volatile Organic Compounds (VOC) - General Reduction [326 IAC 8-1-6]**

Pursuant to the construction permit CP (01) 1658 issued in October 20, 1987, this source is subject to BACT requirements for VOC emissions. The current BACT requirements for fiberglass operations have been determined to be similar to the MACT determination under 326 IAC 2-1-3.4. Therefore, pursuant to the MACT determination under 326 IAC 2-1-3.4 and Construction Permit CP (01) 1658 issued in October 20, 1987, operating conditions for the fiberglass and painting operations shall be the following:

- (a) Monthly usage by weight, volatile organic content, method of application, and other emission reduction techniques for each gel coat, resin, and paint shall be recorded. Volatile organic compound emissions shall be calculated by multiplying the usage of each gel coat and resin by the emission factor that is appropriate for the monomer content, method of application, and other emission reduction techniques for each gel coat and resin, and summing the emissions for all gel coats and resins. Emission factors shall be obtained from the reference approved by IDEM, OAM.
- (b) Until such time that new emissions information is made available by U.S. EPA in its AP-42 document or other U.S. EPA-approved form, emission factors shall be taken from the following reference approved by IDEM, OAM: "CFA Emission Models for the Reinforced Plastics Industries", Composites Fabricators Association, February 28, 1998, or its updates, and shall not exceed 32.3% styrene emitted per weight of gel coat applied and 17.7% styrene emitted per weight of resin applied. For the purposes of these emission calculations, monomer in resins and gel coats that is not styrene shall be considered as styrene on an equivalent weight basis.

- (c) Resins and gel coats used, including filled resins and tooling resins and gel coats, shall be limited to maximum monomer contents of 35 percent (35%) by weight for resins, 37 percent (37%) by weight for gel coats or their equivalent on an emissions mass basis. Monomer contents shall be calculated on a neat basis, i.e., excluding any filler. Compliance with these monomer content limits shall be demonstrated on a monthly basis.

The use of resins with monomer contents lower than 35%, gel coats with monomer contents lower than 37%, and/or additional emission reduction techniques approved by IDEM, OAM, may be used to offset the use of resins with monomer contents higher than 35%, and/or gel coats with monomer contents higher than 37%. Examples of other techniques include, but are not limited to, lower monomer content resins and gel coats, closed molding, vapor suppression, vacuum bagging, controlled spraying, or installing a control device with an overall reduction efficiency of 95%. This is allowed to meet the monomer content limits for resins and gel coats, and shall be calculated on an equivalent emissions mass basis as shown below:

$$\frac{(\text{Emissions from } >35\% \text{ resin or } >37\% \text{ gel coat}) - (\text{Emissions from } 35\% \text{ resin or } 37\% \text{ gel coat})}{(\text{Emissions from } 35\% \text{ resin or } 37\% \text{ gel coat}) - (\text{Emissions from } <35\% \text{ resin, } <37\% \text{ gel coat, and/or other emission reduction techniques})}$$

Where: Emissions, lb or ton = M (mass of resin or gel coat used, lb or ton) \* EF (Monomer emission factor for resin or gel coat used, %);

EF, Monomer emission factor = emission factor, expressed as % styrene emitted per weight of resin applied, which is indicated by the monomer content, method of application, and other emission reduction techniques for each gel coat and resin used.

- (d) Flow coaters, a type of non-spray application technology of a design and specifications to be approved by IDEM, OAM, shall be used in the following manner:
- (1) to apply 50% of all neat resins within 6 months of commencement of operation.
  - (2) to apply 100% of all neat resins used within 1 year of commencement of operation.

If after 1 year of operation it is not possible to apply a portion of neat resins with flow coaters, equivalent emissions reductions must be obtained via use of other techniques, such as those listed in Condition D.1.1(c) above, elsewhere in the process.

- (e) Optimized spray techniques according to a manner approved by IDEM shall be used for gel coats and filled resins (where fillers are required for corrosion or fire retardant purposes) at all times. Optimized spray techniques include, but are not limited to, the use of airless, air-assisted airless, high volume low pressure (HVLP), or other spray applicators demonstrated to the satisfaction of IDEM, OAM, to be equivalent to the spray applicators listed above.

HVLP spray is the technology used to apply material to substrate by means of application equipment that operates between one-tenth (0.1) and ten (10) pounds per square inch gauge (psig) air pressure measured dynamically at the center of the air cap and at the air horns of the spray system.

- (f) The listed work practices shall be followed:
- (1) To the extent possible, a non-VOC, non-HAP solvent shall be used for cleanup.

- (2) Cleanup solvent containers used to transport solvent from drums to work stations shall be closed containers having soft gasketed spring-loaded closures.
- (3) Cleanup rags saturated with solvent shall be stored, transported, and disposed of in containers that are closed tightly.
- (4) The spray guns used shall be the type that can be cleaned without the need for spraying the solvent into the air.
- (5) All solvent sprayed during cleanup or resin changes shall be directed into containers. Such containers shall be closed as soon as solvent spraying is complete. The waste solvent shall be handled in such a manner that evaporation is minimized, and managed in accordance with applicable solid or hazardous waste requirements.
- (6) Storage containers used to store VOC- and/or HAP- containing materials shall be kept covered when not in use.

**D.1.2 PSD Minor Limit [326 IAC 2-2] [40 CFR 52.21]**

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- (a) Pursuant to PC (01) 1658, issued on October 20, 1987, the entire facility shall be limited to less than 20.83 tons of VOC emissions per month period rolled on a monthly basis.
- (b) Compliance with this limit makes 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable.

**D.1.3 Particulate Matter (PM) [326 IAC 6-3-2(c)]**

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Pursuant to PC (01) 1658, issued on October 20 1987, the PM from the nine (9) booths identified as STB1, STB2, STB3, STB4, SB1, SB2, SB3, SB4, and SB5, shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour; and  
P = process weight rate in tons per hour

**D.1.4 Preventive Maintenance Plan [326 IAC 2-7-4(c)(9)]**

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A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and any control devices.

**Compliance Determination Requirements**

**D.1.5 Testing Requirements [326 IAC 2-7-6(1),(6)]**

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The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing at any specific time when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM limits specified in Conditions D.1.3. shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

**D.1.6 Volatile Organic Compounds (VOC)**

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Compliance with the VOC content and usage limitations contained in Conditions D.1.1 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAM, reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

**D.1.7 VOC Emissions**

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Compliance with Condition D.1.2 shall be demonstrated within 30 days of at the end of each month based on the total volatile organic compound usage for the most recent twelve (12) month period.

**D.1.8 Particulate Matter (PM)**

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Pursuant to PC (01) 1658 issued in October 20, 1987, the dry filters for PM control shall be in operation at all times when these nine (9) booths identified as STB1, STB2, STB3, STB4, SB1, SB2, SB3, SB4, and SB5 are in operation.

**Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]**

**D.1.9 Monitoring**

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- (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stacks associated with STB1, STB2, STB3, STB4, SB1, SB2, SB3, SB4, and SB5, while one or more of the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.
- (b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.
- (c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

**Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]**

**D.1.10 Record Keeping Requirements**

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- (a) To document compliance with Condition D.1.2(a), the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the volatile organic compound emission limit established in Condition D.1.2.
  - (1) The usage by weight and monomer content of each resin and gel coat. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used;

- (2) A log of the monthly usage;
  - (3) Method of application and other emission reduction techniques for each resin and gel coat used;
  - (4) The calculated total volatile organic compound emissions from resin and gel coat use for each month.
- (b) To document compliance with Conditions D.1.5, the Permittee shall maintain a log of daily overspray observations, daily and weekly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.
- (c) To document compliance with Condition D.1.9, the Permittee shall maintain records of daily visible emission notations of the fiberglass operations' stack exhaust.
- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit..

**D.1.11 Reporting Requirements**

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A quarterly summary of the information to document compliance with Condition D.1.1 (a) and (b) shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.



State Form 47738 (5-96)

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR MANAGEMENT  
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT  
CERTIFICATION**

Source Name: Thunderbird Products, Inc.  
Source Address: 2200 Monroe Street, Decatur, Indiana 46733  
Mailing Address: 2200 Monroe Street, Decatur, Indiana 46733  
Part 70 Permit No.: T001-5903-00031

**This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.**

Please check what document is being certified:

- 9 Annual Compliance Certification Letter
- 9 Test Result (specify) \_\_\_\_\_
- 9 Report (specify) \_\_\_\_\_
- 9 Notification (specify) \_\_\_\_\_
- 9 Other (specify) \_\_\_\_\_

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
**OFFICE OF AIR MANAGEMENT**  
**COMPLIANCE DATA SECTION**  
**P.O. Box 6015**  
**100 North Senate Avenue**  
**Indianapolis, Indiana 46206-6015**  
**Phone: 317-233-5674**  
**Fax: 317-233-6865**

**PART 70 OPERATING PERMIT**  
**EMERGENCY/DEVIATION OCCURRENCE REPORT**

Source Name: Thunderbird Products, Inc.  
Source Address: 2200 Monroe Street, Decatur, Indiana 46733  
Mailing Address: 2200 Monroe Street, Decatur, Indiana 46733  
Part 70 Permit No.: T001-5903-00031

**This form consists of 2 pages**

**Page 1 of 2**

Check either No. 1 or No.2	
<b>9 1.</b>	This is an emergency as defined in 326 IAC 2-7-1(12) <input type="checkbox"/> The Permittee must notify the Office of Air Management (OAM), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and <input type="checkbox"/> The Permittee must submit notice in writing or by facsimile within two (2) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16
<b>9 2.</b>	This is a deviation, reportable per 326 IAC 2-7-5(3)(c) <input type="checkbox"/> The Permittee must submit notice in writing within ten (10) calendar days

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency/Deviation:
Describe the cause of the Emergency/Deviation:

If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency/Deviation started:
Date/Time Emergency/Deviation was corrected:
Was the facility being properly operated at the time of the emergency/deviation?    Y    N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO <sub>2</sub> , VOC, NO <sub>x</sub> , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency/deviation:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: \_\_\_\_\_  
Title / Position: \_\_\_\_\_  
Date: \_\_\_\_\_  
Phone: \_\_\_\_\_

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR MANAGEMENT  
COMPLIANCE DATA SECTION**

**Part 70 Quarterly Report**

Source Name: Thunderbird Products, Inc.  
Source Address: 2200 Monroe Street, Decatur, Indiana 46733  
Mailing Address: 2200 Monroe Street, Decatur, Indiana 46733  
Part 70 Permit No.: T001-5903-00031  
Facility: entire source including the following booths: GSB4, GSB5, GSB6, AV2, AV3, AV4, AV4, AV5, AV6, AV7, STB1, STB2, STB3, STB4, SB1, SB2, SB3, SB4, and SB5  
Parameter: VOC  
Limit: 250 tons per year

YEAR: \_\_\_\_\_

Month	Column 1	Column 2	Column 1 + Column 2
	This Month	Previous 11 Months	12 Month Total
Month 1			
Month 2			
Month 3			

- 9 No deviation occurred in this quarter.  
9 Deviation/s occurred in this quarter.  
Deviation has been reported on: \_\_\_\_\_

Submitted by: \_\_\_\_\_  
Title / Position: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_  
Phone: \_\_\_\_\_

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF AIR MANAGEMENT  
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT  
QUARTERLY COMPLIANCE REPORT**

Source Name: Thunderbird Products, Inc.  
Source Address: 2200 Monroe Street, Decatur, Indiana 46733  
Mailing Address: 2200 Monroe Street, Decatur, Indiana 46733  
Part 70 Permit No.: T001-5903-00031

Months: \_\_\_\_\_ to \_\_\_\_\_ Year: \_\_\_\_\_

This report is an affirmation that the source has met all the compliance monitoring requirements stated in this permit. This report shall be submitted quarterly. Any deviation from the compliance monitoring requirements and the date(s) of each deviation must be reported. Additional pages may be attached if necessary. This form can be supplemented by attaching the Emergency/Deviation Occurrence Report. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

**9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD**

**9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD.**

<b>Compliance Monitoring Requirement</b> (e.g. Permit Condition D.1.3)	<b>Number of Deviations</b>	<b>Date of each Deviation</b>

Form Completed By: \_\_\_\_\_  
Title/Position: \_\_\_\_\_  
Date: \_\_\_\_\_  
Phone: \_\_\_\_\_

Attach a signed certification to complete this report.

## Indiana Department of Environmental Management Office of Air Management

### Addendum to the Technical Support Document for Part 70 Operating Permit

<b>Source Name:</b>	Thunderbird Products, Inc.
<b>Source Location:</b>	2200 Monroe Street, Decatur, Indiana 46733
<b>County:</b>	Adams
<b>SIC Code:</b>	3732 (Boat Building and Repairing)
<b>Operation Permit No.:</b>	T001-5903-00031
<b>Permit Reviewer:</b>	Keramida/VS/Holly M. Stockrahm

On October 29, 1998, the Office of Air Management (OAM) had a notice published in the Decatur Daily Democrat, in Decatur, Indiana, stating that Thunderbird Products, Inc., had applied for a Part 70 Operating Permit to operate a boat manufacturing facility. The notice also stated that OAM proposed to issue a permit for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

#### SOURCE COMMENTS

On November 24, 1998, Cornerstone Environmental, Health and Safety, Inc. submitted comments on the proposed Part 70 permit, on behalf of Tunderbird Products, Inc. The summary of the comments and changes (bolded language has been added, the language with a line through it has been deleted) are as follows:

##### **Comment 1:**

Regarding Sections A.2,

In Condition A.2 (a), foam filling is done in the lay-up area and no longer done in the gel booths. "Maximum capacity of 814" should be removed. The number 814 represented the actual number of boats built in the year that was used as a basis for determining the production rate per booth, and did not represent the maximum number of boats that could be produced. Booth GSB3 has been removed.

In Condition A.2 (b), the number 42 should be removed. The number 42 represented the actual number of boats built in the year that was used as a basis for determining the production rate, and did not represent the maximum number of boats that could be produced per booth. The boats produced in the stationary booths are foam filled in the booths.

In Condition A.2 (c), the number 814 should be removed. The number described in the permit application is 499 boats painted, not 814, which represents the actual number of boats painted. This number was used as a basis for determining the production rate per booth, and did not represent the maximum number of boats that could be painted.

In Condition A.2 (d), the number 814 should be removed. The number 814 represented the actual number of boats built in the year that was used as a basis for determining the production rate per lamination area, and did not represent the maximum number of boats that could be produced. One ceiling vent (CV) has been added in this area.

These comments also apply to Section D.1.

### Response to Comment 1:

Based on the information received from Mr. Ron Ward with Cornerstone Environmental, Health and Safety, Inc., the maximum capacity of the plant can be obtained by multiplying the actual capacity (used in the former A.2 condition) by 2. Also, the maximum capacity units were changed to better represent the units processed, the schedule and the emission units. The following changes have been made to Condition A.2 and the Facility Description in Section D.1 in the final permit:

#### A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

- (a) ~~Four (4)~~ **Three (3)** ~~boat cavity foam filling and gel coating booths~~, identified as: ~~GSB3, GSB4, GSB5, and GSB6~~, with a maximum capacity of ~~814 boats per year~~ **0.13 boats per hour per booth** using dry filters as control, and exhausting to stacks/vents, #9, #10, #11, and #12.
- (b) Four (4) stationary **resin and foam filling** booths, identified as: STB1, STB2, STB3, and STB4, with a maximum capacity of ~~42 boats per year~~ **0.005 boats per hour per booth**, using dry filters as control, and exhausting to stacks/vents, #13, #14, #15, and #16.
- (c) Five (5) IMRON paint spray booths, identified as: SB1, SB2, SB3, SB4, and SB5, with a maximum capacity of ~~814 boats per year~~ **0.078 boats per hour per booth**, using dry filters as control, and exhausting to stacks/vents, #18, #19, #20, #21, and #22.
- (d) Six (6) lamination **and foam filling** areas, identified as: AV2, AV3, AV4, AV5, AV6, and AV7, with a maximum capacity of ~~814 boats per year~~ **0.13 boats per hour per booth**, using dry filters as control, and exhausting to stacks/vents, #3, #4, #5, #6, #7, and #8.

### SECTION D.1

### FACILITY OPERATION CONDITIONS

#### Facility Description [326 IAC 2-7-5(15)]

- a) ~~Four (4)~~ **Three (3)** ~~boat cavity foam filling and gel coating booths~~, identified as: ~~GSB3, GSB4, GSB5, and GSB6~~, with a maximum capacity of ~~814 boats per year~~ **0.13 boats per hour per booth** using dry filters as control, and exhausting to stacks/vents, #9, #10, #11, and #12.
- b) Four (4) stationary **resin and foam filling** booths, identified as: STB1, STB2, STB3, and STB4, with a maximum capacity of ~~42 boats per year~~ **0.005 boats per hour per booth**, using dry filters as control, and exhausting to stacks/vents, #13, #14, #15, and #16.
- c) Five (5) IMRON paint spray booths, identified as: SB1, SB2, SB3, SB4, and SB5, with a maximum capacity of ~~814 boats per year~~ **0.078 boats per hour per booth**, using dry filters as control, and exhausting to stacks/vents, #18, #19, #20, #21, and #22.
- d) Six (6) lamination **and foam filling** areas, identified as: AV2, AV3, AV4, AV5, AV6, and AV7, with a maximum capacity of ~~814 boats per year~~ **0.13 boats per hour per booth**, using dry filters as control, and exhausting to stacks/vents, #3, #4, #5, #6, #7, and #8.

### Comment 2:

Regarding Section A.3, in Condition A.3 (1), the gel spray booth heater SBH3 does not exist and in Condition A.3 (5), the acetone recovery system T5 should be replaced with the number T4.

### Response to Comment 2:

The following changes have been made to Condition A.3 in the final permit:

A.3                      Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)]  
[326 IAC 2-7-5(15)]

---

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

(1)    Natural gas-fired combustion sources (fourteen space heaters H1 through H14 and ~~three~~ **two (2)** gel spray booth heaters, SBH1 ~~and~~ SBH2 ~~and~~ SBH3) with heat input equal to ~~or~~ less than 10 MMBtu per hour each.

(2)    Eight (8) storage tanks with capacity less than ~~of~~ or equal to 1000 gallons and annual throughput less than 12,000 gallons.

(3)    Cleaners and solvents characterized as follows: a) having a vapor pressure equal to or less than 2.0 kPa measured at 38 degrees C or b) having a vapor pressure equal to or less than 0.7 kPa measured at 20 degrees C.

(4)    Brazing, cutting, soldering, welding equipment and activities not resulting in HAPs emissions.

(5)    Two Acetone recovery systems ~~T5~~ **T4** and T6 with batch capacity less than 100 gallons.

(6)    Water bases adhesives that are less than 5% by volume of VOCs excluding HAPs.

(7)    Cut/trim, grinding, machining and wood working equipment and controlled with baghouses BH1 and BH2.

(8)    Other categories with emissions below insignificant thresholds:

(a)    A wood/plastic working shop identified as BH3, equipped with one (1) baghouse for particulate control, with 99.95% efficiency and exhausting to stack/vent, #17.

(b)    Activities related to research and development with VOC emissions below 15 pounds per day.

(c)    Return services limited to minor patching with gel resin, paint touch-up.

(d)    Assembly/subassembly operations using various adhesives fillers and other sealing type materials.

(e)    Boat cavity foam filling operations.

### Comment 3:

Regarding Condition D.1.1, the source wishes to have the BACT restriction revised to reflect the current BACT for the Reinforced Plastic Industry. The source also questions why Conditions D.1.2 (a) and (b) need to be in the permit.

### Response to Comment 3:

Under the permit CP(01)1658, the fiberglass and painting emissions were limited to 150 lb/boat with the level of boat production at 2352 boats/year. This was equivalent to less than 250 tons of VOC per year.



The current MACT for new fiberglass sources would limit the fiberglass operations to less than 100 tons per year unless there were add-on controls. However, the existing sources are not required to meet the MACT. The source has agreed to have a reevaluation of the BACT that will add the requirements of the current MACT (work practices and application methods, but keep the same PSD minor limit as in the original permit.

Condition D.1.1 will be removed and the following condition will be used in place of both of the removed conditions. The new BACT condition is more stringent than the conditions proposed in the construction permit PC (01) 1658 issued in October 20, 1987. Additionally, the remaining conditions in Section D will be renumbered accordingly.

#### **Emission Limitations and Standards [326 IAC 2-7-5(1)]**

##### **~~D.1.1 Volatile Organic Compounds (VOC) - General Reduction [326 IAC 8-1-6]~~**

- ~~(a) Pursuant to the construction permit PC (01) 1658 issued in October 20, 1987, the total VOC emissions shall not exceed 150 lb/boat, calculated on a monthly average basis. This limitation satisfies the BACT requirement of 326 IAC 8-1-6.~~
- ~~(b) Until such time that new emissions information is made available by U.S. EPA in its AP-42 document or other U.S. EPA-approved form, emission factors shall be taken from the following reference approved by IDEM, OAM: "CFA Emission Models for the Reinforced Plastics Industries," Composites Fabricators Association, February 29, 1998 or its updates. For the purposes of these emission calculations, monomer in resins and gel coats that is not styrene shall be considered as styrene on an equivalent weight basis.~~

#### **Emission Limitations and Standards [326 IAC 2-7-5(1)]**

##### **D.1.1 Volatile Organic Compounds (VOC) - General Reduction [326 IAC 8-1-6]**

Pursuant to the construction permit CP (01) 1658 issued in October 20, 1987, this source is subject to BACT requirements for VOC emissions. The current BACT requirements for fiberglass operations have been determined to be similar to the MACT determination under 326 IAC 2-1-3.4. Therefore, pursuant to the MACT determination under 326 IAC 2-1-3.4 and Construction Permit CP (01) 1658 issued in October 20, 1987, operating conditions for the fiberglass and painting operations shall be the following:

- (a) Monthly usage by weight, volatile organic content, method of application, and other emission reduction techniques for each gel coat, resin, and paint shall be recorded. Volatile organic compound emissions shall be calculated by multiplying the usage of each gel coat and resin by the emission factor that is appropriate for the monomer content, method of application, and other emission reduction techniques for each gel coat and resin, and summing the emissions for all gel coats and resins. Emission factors shall be obtained from the reference approved by IDEM, OAM.
- (b) Until such time that new emissions information is made available by U.S. EPA in its AP-42 document or other U.S. EPA-approved form, emission factors shall be taken from the following reference approved by IDEM, OAM: "CFA Emission Models for the Reinforced Plastics Industries", Composites Fabricators Association, February 28, 1998, or its updates, and shall not exceed 32.3% styrene emitted per weight of gel coat applied and 17.7% styrene emitted per weight of resin applied. For the purposes of these emission calculations, monomer in resins and gel coats that is not styrene shall be considered as styrene on an equivalent weight basis.
- (c) Resins and gel coats used, including filled resins and tooling resins and gel coats, shall be limited to maximum monomer contents of 35 percent (35%) by weight for resins, 37 percent (37%) by weight for gel coats or their equivalent on an emissions mass basis. Monomer contents shall be calculated on a neat basis, i.e., excluding any filler. Compliance with these monomer content limits shall be demonstrated on a monthly basis.

The use of resins with monomer contents lower than 35%, gel coats with monomer contents lower than 37%, and/or additional emission reduction techniques approved by IDEM, OAM, may be used to offset the use of resins with monomer contents higher than 35%, and/or gel coats with monomer contents higher than 37%. Examples of other techniques include, but are not limited to, lower monomer content resins and gel coats, closed molding, vapor suppression, vacuum bagging, controlled spraying, or installing a control device with an overall reduction efficiency of 95%. This is allowed to meet the monomer content limits for resins and gel coats, and shall be calculated on an equivalent emissions mass basis as shown below:

$$\frac{(\text{Emissions from } >35\% \text{ resin or } >37\% \text{ gel coat}) - (\text{Emissions from } 35\% \text{ resin or } 37\% \text{ gel coat})}{(\text{Emissions from } 35\% \text{ resin or } 37\% \text{ gel coat}) - (\text{Emissions from } <35\% \text{ resin, } <37\% \text{ gel coat, and/or other emission reduction techniques})}$$

Where: Emissions, lb or ton = M (mass of resin or gel coat used, lb or ton) \* EF (Monomer emission factor for resin or gel coat used, %);

EF, Monomer emission factor = emission factor, expressed as % styrene emitted per weight of resin applied, which is indicated by the monomer content, method of application, and other emission reduction techniques for each gel coat and resin used.

- (d) Flow coaters, a type of non-spray application technology of a design and specifications to be approved by IDEM, OAM, shall be used in the following manner:

- (1) to apply 50% of all neat resins within 6 months of commencement of operation.
- (2) to apply 100% of all neat resins used within 1 year of commencement of operation.

If after 1 year of operation it is not possible to apply a portion of neat resins with flow coaters, equivalent emissions reductions must be obtained via use of other techniques, such as those listed in Condition D.1.1(c) above, elsewhere in the process.

- (e) Optimized spray techniques according to a manner approved by IDEM shall be used for gel coats and filled resins (where fillers are required for corrosion or fire retardant purposes) at all times. Optimized spray techniques include, but are not limited to, the use of airless, air-assisted airless, high volume low pressure (HVLP), or other spray applicators demonstrated to the satisfaction of IDEM, OAM, to be equivalent to the spray applicators listed above.

HVLP spray is the technology used to apply material to substrate by means of application equipment that operates between one-tenth (0.1) and ten (10) pounds per square inch gauge (psig) air pressure measured dynamically at the center of the air cap and at the air horns of the spray system.

- (f) The listed work practices shall be followed:

- (1) To the extent possible, a non-VOC, non-HAP solvent shall be used for cleanup.
- (2) Cleanup solvent containers used to transport solvent from drums to work stations shall be closed containers having soft gasketed spring-loaded closures.
- (3) Cleanup rags saturated with solvent shall be stored, transported, and disposed of in containers that are closed tightly.
- (4) The spray guns used shall be the type that can be cleaned without the need for spraying the solvent into the air.

- (5) All solvent sprayed during cleanup or resin changes shall be directed into containers. Such containers shall be closed as soon as solvent spraying is complete. The waste solvent shall be handled in such a manner that evaporation is minimized, and managed in accordance with applicable solid or hazardous waste requirements.
- (6) Storage containers used to store VOC- and/or HAP- containing materials shall be kept covered when not in use.

**Comment 4:**

The source requests that Conditions D.1.10 and D.1.11 be changed to reflect the current BACT for the Reinforced Plastic Industry and the painting.

**Response to Comment 4:**

The following changes have been made in the final permit:

**Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]**

**D.1.10 Record Keeping Requirements**

- ~~(a) To document compliance with Conditions D.1.1, D.1.2 and D.1.3, the Permittee shall maintain records in accordance with (1) through (6) below. Records maintained for (1) through (6) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Condition D.1.1 and D.1.2.~~
  - ~~(1) The amount and VOC content of each coating material and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;~~
  - ~~(2) A log of the dates of use;~~
  - ~~(3) The cleanup solvent usage for each month;~~
  - ~~(4) The total VOC usage for each month; and~~
  - ~~(5) The weight of VOCs emitted for each compliance period.~~
- ~~(b) To document compliance with Condition D.1.9, the Permittee shall maintain a log of daily overspray observations, daily and weekly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.~~
- ~~(c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.~~

**D.1.11 Reporting Requirements**

- ~~A quarterly summary of the information to document compliance with Conditions D.1.1 and D.1.2 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.~~

## Record Keeping and Reporting Requirements

### D.1.9 Record Keeping Requirements

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- (a) To document compliance with Condition D.1.1, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the volatile organic VOC emission limit established in Condition D.1.1.
- (1) The usage by weight, and monomer and VOC content of each resin, gel coat, and paint. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used;
  - (2) A log of the dates of use;
  - (3) Method of application and other emission reduction techniques for each resin and gel coat used;
  - (4) The calculated total volatile organic compound emissions from resin, gel coat, and paint use for each month.
- (b) To document compliance with Conditions D.1.3, the Permittee shall maintain a log of daily overspray observations, daily and weekly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.
- (c) To document compliance with Condition D.1.9, the Permittee shall maintain records of daily visible emission notations of the fiberglass operations' stack exhaust.
- (d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

### D.1.10 Reporting Requirements

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A quarterly summary of the information to document compliance with Condition D.1.2 shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported.

#### Comment 5:

It is requested that in Condition D.1.8(a) Monitoring, the phrase "associated with" be added after "overspray from the surface coating booth stacks".

#### Response to Comment 5:

Condition D.1.9(a) has been changed as follows:

### D.1.9 Monitoring

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- (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stacks **associated with** STB1, STB2, STB3, STB4, SB1, SB2, SB3, SB4, and SB5, while one or more of the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

**Comment 6:**

It is requested that Condition D.1.10 (a) (2) be changed so that only the month in which the product is used be recorded, rather than the daily individual product use.

**Response to Comment 6:**

The following changes have been made to Condition D.1.9 (a) (2) to reflect this comment:

**D.1.9 Record Keeping Requirements**

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- (a) To document compliance with Conditions D.1.1, and D.1.2(a), the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the volatile organic HAP emission limit established in Condition D.1.1.

(1)The usage by weight and monomer content of each resin and gel coat. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used;

(2)A log of the ~~dates of use~~ **monthly usage**;

(3)Method of application and other emission reduction techniques for each resin and gel coat used;

(4)The calculated total volatile organic HAP emissions from resin and gel coat use for each month.

**Comment 7:**

The source requests that BACT be amended to the current BACT for the Reinforced Plastic Industry and therefore the need for the following form would be eliminated. Booth GSB3 has been removed.

**FORM:**

Source Name: Thunderbird Products, Inc.  
Source Address: 2200 Monroe Street, Decatur, Indiana 46733  
Mailing Address: 2200 Monroe Street, Decatur, Indiana 46733  
Part 70 Permit No.: T001-5903-00031  
Facility: entire source, including the following booths: GSB3, GSB4, GSB5, GSB6, AV2, AV3, AV4, AV5, AV6, AV7, STB1, STB2, STB3, STB4, SB1, SB2, SB3, SB4, and SB5  
Parameter: lb of VOC/boat - VOC emissions.  
Limit: VOC emissions shall not exceed 150 lb/boat.

**Response to Comment 7:**

The form has been removed from the permit and replaced with the form that reflects less than 20.83 tons of VOC per month limit for fiberglass and painting operations.

**Comment 8:**

GSB3 should be removed from the following form:

**Response to Comment 8:**

The form has been removed from the permit.

**Comment 9:**

Regarding the following form, there is a question as to why this condition should be placed in the permit? Otherwise, the 20,830 lb. of VOC per calendar month should be replaced with a value that reflects 70 percent of the total source VOC emissions ( $70\% \times 41,660 = 9,162$  lb. of VOC per calendar month). Booth GSB3 has been removed.

Form:

Facility: entire source, including the following booths: GSB3, GSB4, GSB5, GSB6, AV2, AV3, AV4, AV5, AV6, and AV7  
Parameter: lb of VOC/month  
Limit: this source shall use less than 20,830 lb. of VOC per month

**Response to Comment 9:**

The form has been removed from the permit.

**OAM COMMENTS**

Upon further review, the OAM has decided to make the following revisions to the permit (bolded language has been added, the language with a line through it has been deleted). The Table of Contents has been modified to reflect these changes.

**Title Page**

1. The rule cite for ENSR has been removed from the second paragraph of the title page. This rule has been repealed.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 and ~~326 IAC 2-1-3.2~~ as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

**Section A**

1. A.1 (General Information) now includes the phone number in the general information.

**A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]**

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The Permittee owns and operates a source constructed in 1987 and manufactures fiberglass pleasure boats. The process involves fiberglass lamination, gel coating, wood/plastic working, assembly and spray painting. The facility has 20 significant stacks.

Responsible Official: Jim Laux  
Source Address: 2200 Monroe Street, Decatur, IN 46733  
Mailing Address: 2200 Monroe Street, Decatur, IN 46733  
Phone Number: (219) 724-9111  
SIC Code: 3732 - Boat building  
County Location: Adams  
County Status: Attainment for all criteria pollutants  
Source Status: Part 70 Permit Program  
Minor Source, under PSD Rules;  
Major Source, Section 112 of the Clean Air Act

2. A.3 (Specifically Regulated Insignificant Activities) has been changed to make the numbering match A.2 and also a typo in (b) was corrected.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)]  
[326 IAC 2-7-5(15)]

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This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

- (1)(a) Natural gas-fired combustion sources (fourteen space heaters H1 through H14 and two gel spray booth heaters, SBH1 and SBH2) with heat input equal to or less than 10 MMBtu per hour each.
- (2)(b) Eight (8) storage tanks with capacity less than or equal to 1000 gallons and annual throughput less than 12,000 gallons.
- (3)(c) Cleaners and solvents characterized as follows: a) having a vapor pressure equal to or less than 2.0 kPa measured at 38 degrees C or b) having a vapor pressure equal to or less than 0.7 kPa measured at 20 degrees C.
- (4)(d) Brazing, cutting, soldering, welding equipment and activities not resulting in HAPs emissions.
- (5)(e) Two Acetone recovery systems T4 and T6 with batch capacity less than 100 gallons.
- (6)(f) Water bases adhesives that are less than 5% by volume of VOCs excluding HAPs.
- (7)(g) Cut/trim, grinding, machining and wood working equipment and controlled with baghouses BH1 and BH2.
- (8)(h) Other categories with emissions below insignificant thresholds:
  - (a)(1) A wood/plastic working shop identified as BH3, equipped with one (1) baghouse for particulate control, with 99.95% efficiency and exhausting to stack/vent, #17.
  - (b)(2) Activities related to research and development with VOC emissions below 15 pounds per day.
  - (c)(3) Return services limited to minor patching with gel resin, paint touch-up.
  - (d)(4) Assembly/subassembly operations using various adhesives fillers and other sealing type materials.
  - (e)(5) Boat cavity foam filling operations.

## Section B

1. B.1 (Permit No Defense) 326 IAC 2-1 has been repealed.

B.1 Permit No Defense ~~[326 IAC 2-1-10]~~ [IC 13]

---

- (a) Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7.
  - (b) This prohibition shall not apply to alleged violations of applicable requirements for which the Commissioner has granted a permit shield in accordance with ~~326 IAC 2-1-3.2~~ or 326 IAC 2-7-15, as set out in this permit in the Section B condition entitled "Permit Shield."
2. B.10 (Certification) has been revised as follows:

**B.10 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)]**

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- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted under this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification, and any other certification required under this permit, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, on the attached Certification Form, with each submittal.
- (c) A responsible official is defined at 326 IAC 2-7-1(34).
3. B.13 (Emergency Provisions) the rule cite in paragraph (e) has been revised to reflect the new Article 2 rule.

**B.13 Emergency Provisions [326 IAC 2-7-16]**

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- (e) IDEM, OAM, may require that the Preventive Maintenance Plans required under 326 IAC ~~2-7-4-(e)(9)~~ 2-7-4(c)(10) be revised in response to an emergency.
4. B.14 (Permit Shield) the rule cite in paragraph (h) has been revised to reflect the new Article 2 rule.

**B.14 Permit Shield [326 IAC 2-7-15]**

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- (h) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAM, has issued the modification. [326 IAC ~~2-7-12(b)(8)~~ 2-7-12(b)(7)]
5. B.18(b)(1)(B) (Permit Renewal) 326 IAC 2-5 has been repealed.

**B.18 Permit Renewal [326 IAC 2-7-4]**

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- (B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due. ~~[326 IAC 2-5-3]~~
6. B.25 (Transfer of Ownership or Operation) 326 IAC 2-1 has been repealed therefore this condition has been modified.

**~~B.25 Transfer of Ownership or Operation [326 IAC 2-1-6] [326 IAC 2-7-11]~~**

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~~Pursuant to 326 IAC 2-1-6 and 326 IAC 2-7-11:~~

- ~~(a) In the event that ownership of this source is changed, the Permittee shall notify IDEM, OAM, Permits Branch, within thirty (30) days of the change. Notification shall include a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the Permittee and the new owner.~~
- ~~(b) The written notification shall be sufficient to transfer the permit to the new owner by an administrative amendment pursuant to 326 IAC 2-7-11. The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~



~~(c)~~ ~~IDEM, OAM,~~ shall reserve the right to issue a new permit.

**B.25** Transfer of Ownership or Operational Control [326 IAC 2-7-11]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management  
Permits Branch, Office of Air Management  
100 North Senate Avenue, P.O. Box 6015  
Indianapolis, Indiana 46206-6015

The application which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

7. B.27 (Credible Evidence) This condition has been removed from the Title V permits. IDEM now believes that this condition is not necessary and has removed it from the permit. The issues regarding credible evidence can be adequately addressed during a showing of compliance or noncompliance. Indiana's statutes, and the rules adopted under their authority, govern the admissibility of evidence in any proceeding. Indiana law contains no provisions that limit the use of any credible evidence and an explicit statement is not required in the permit.

~~B.27~~ ~~Credible Evidence~~ ~~[326 IAC 2-7-5(3)]~~ ~~[62 Federal Register 8313]~~ ~~[326 IAC 2-7-6]~~

~~Notwithstanding the conditions of this permit that state specific methods that may be used to assess compliance or noncompliance with applicable requirements, other credible evidence may be used to demonstrate compliance or non-compliance.~~

## Section C

1. C.1 (PSD or Emission Offset Source Status) has been removed. The source status is displayed under A.1 General Information, therefore, Condition C.1 is redundant.
2. C.2 (Particulate Matter Emission Limitations For Processes with Process Weight Rates) has had instructions added to clarify that this condition should not apply to counties listed in 326 IAC 6-1.

**C.2** Particulate Matter Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [326 IAC 6-3-2(c)]

Pursuant to 326 IAC 6-3-2(c), the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.

3. C.2 (Opacity) has been revised as follows to reflect the current rule language.

**C.2** Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Visible Emissions Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), visible emissions opacity shall meet the following, unless otherwise stated in this permit:

- (a) ~~Visible emissions~~ Opacity shall not exceed an average of forty percent (40%) ~~opacity in twenty-four (24) consecutive readings~~, any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) ~~Visible emissions~~ Opacity shall not exceed sixty percent (60%) ~~opacity~~ for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) as measured according to 40 CFR 60, Appendix A. Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

4. C.10 (Compliance Monitoring) has been modified as follows to correct a grammatical mistake.

C.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment, no more than ninety (90) days after receipt of this permit. If due to circumstances beyond its control, this schedule cannot be met, the Permittee may extend the compliance schedule an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management  
Compliance Branch, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

5. C.15 (Risk Management Plans) The first paragraph has been revised to more closely match the rule language.

C.15 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present in a process at a source in more than the a threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall:

- (a) Submit:
  - (1) A compliance schedule for meeting the requirements of 40 CFR 68 by the date provided in 40 CFR 68.10(a); or
  - (2) As a part of the compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and
  - (3) Verify to IDEM, OAM, that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.
- (b) Provide annual certification to IDEM, OAM, that the Risk Management Plan is being properly implemented.

All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

6. C.21 (General Reporting Requirements) has been changed as follows to clarify exactly which documents require certification by the responsible official.

**C.21 General Reporting Requirements [326 IAC 2-7-5(3)(C)]**

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- (a) To affirm that the source has met all the compliance monitoring requirements stated in this permit the source shall submit a Quarterly Compliance Monitoring Report. Any deviation from the requirements and the date(s) of each deviation must be reported. The Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:  
  
Indiana Department of Environmental Management  
Compliance Data Section, Office of Air Management  
100 North Senate Avenue, P. O. Box 6015  
Indianapolis, Indiana 46206-6015
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.
- (d) Unless otherwise specified in this permit, any report shall be submitted within thirty (30) days of the end of the reporting period. The report does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) All instances of deviations as described in Section B- Deviations from Permit Requirements Conditions must be clearly identified in such reports. The Emergency/Deviation Occurrence Report does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (f) Any corrective actions or response steps taken as a result of each deviation must be clearly identified in such reports.
- (g) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period.

~~The documents submitted pursuant to this condition do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

**Section D**

- 1. D.1.6 (VOC Emissions) Has been modified as follows to allow companies time to compile the required data.

**D.1.6 VOC Emissions**

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Compliance with Condition D.1.1 shall be demonstrated within 30 days of ~~at~~ the end of each **month** based on the total volatile organic compound usage for the most recent **twelve (12) month period**.

- 3. D.1.8 (Monitoring) has been changed as follows to reduce the frequency of monitoring.

**D.1.8 Monitoring**

---

- (a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, ~~daily~~ weekly observations shall be made of the overspray from the surface coating booth stacks STB1, STB2, STB3, STB4, SB1, SB2, SB3, SB4, and SB5, while one or more of the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.
  - (b) ~~Weekly~~ Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.
  - (c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.
4. D.1.9(b) (Record Keeping Requirements) has been revised to reflect the changes in the monitoring condition.

**D.1.9 Record Keeping Requirements**

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- (a) To document compliance with Condition D.1.1, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the volatile organic HAP emission limit established in Condition D.1.1.
  - (1) The usage by weight and monomer content of each resin and gel coat. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used;
  - (2) A log of the monthly usage;
  - (3) Method of application and other emission reduction techniques for each resin and gel coat used;
  - (4) The calculated total volatile organic HAP emissions from resin and gel coat use for each month.
- (b) To document compliance with Condition D.1.4, the Permittee shall maintain a log of ~~daily~~ weekly overspray observations, daily and ~~weekly~~ monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.
- (c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

## Indiana Department of Environmental Management Office of Air Management

### Technical Support Document (TSD) for a Part 70 Operating Permit

#### Source Background and Description

**Source Name:** Thunderbird Products, Inc.  
**Source Location:** 2200 Monroe Street, Decatur, Indiana 46733  
**County:** Adams  
**SIC Code:** 3732 Boat Building and Repairing  
**Operation Permit No.:** T001-5903-00031  
**Permit Reviewer:** Keramida/VS

The Office of Air Management (OAM) has reviewed a Part 70 permit application from Thunderbird Products, Inc., relating to the operation of a fiberglass pleasure boat manufacturing facility.

#### Permitted Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units and pollution control devices:

- (a) Four (4) boat cavity foam filling and gel coating booths, identified as GSB3, GSB4, GSB5, and GSB6, with a maximum capacity of 814 boats per year, using dry filters as control, and exhausting to stacks/vents #9, #10, #11 and #12.
- (b) Four (4) stationary booths, identified as STB1, STB2, STB3, and STB4, with a maximum capacity of 42 boats per year, using dry filters as control, and exhausting to stacks/vents #13, #14, #15 and #16.
- (c) Five (5) IMRON paint spray booths, identified as SB1, SB2, SB3, SB4 and SB5, with a maximum capacity of 814 boats per year, using dry filters as control, and exhausting to stacks/vents #18, #19, #20, #21 and #22.
- (d) Six (6) lamination areas, identified as: AV2, AV3, AV4, AV5, AV6 and AV7, with a maximum capacity of 814 boats per year, using dry filters as control, and exhausting to stacks/vents #3, #4, #5, #6, #7 and #8.

#### Unpermitted Emission Units and Pollution Control Equipment

There are no unpermitted facilities operating at this source during this review process.

#### Emission Units and Pollution Control Equipment Under Enhanced New Source Review (ENSR)

There are no new facilities to be reviewed under the ENSR process.

### Insignificant Activities

The source also consists of the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (1) Natural gas-fired combustion sources (fourteen space heaters H1 through H14 and three gel spray booth heaters, SBH1, SBH2 and SBH3) with heat input equal to less than 10 MMBtu per hour each.
- (2) Eight (8) storage tanks with capacity less than or equal to 1000 gallons and annual throughput less than 12,000 gallons.
- (3) Application of oils, greases and lubricants used for temporary protective coating as a maintenance activity.
- (4) Cleaners and solvents characterized as follows: a) having a vapor pressure equal to or less than 2.0 kPa measured at 38 degrees C or b) having a vapor pressure equal to or less than 0.7 kPa measured at 20 degrees C.
- (5) Brazing, cutting, soldering, welding equipment and activities not resulting in HAPs emissions.
- (6) Closed loop heating and cooling systems.
- (7) Two Acetone recovery systems T5 and T6 with batch capacity less than 100 gallons.
- (8) Water based adhesives that are less than 5% by volume of VOCs excluding HAPs.
- (9) Heat exchanger cleaning and repair.
- (10) Cut/trim, grinding, machining and wood working equipment and controlled with baghouses BH1 and BH2.
- (11) Paved and unpaved roads and parking lots with public access.
- (12) Blowdown from compressors and pumps.
- (13) Other categories with emissions below insignificant thresholds:
  - (a) A wood/plastic working shop identified as BH3, equipped with one (1) baghouse for particulate control, with 99.95% efficiency and exhausting to stack/vent, #17.
  - (b) Activities related to research and development with VOC emissions below 15 pounds per day.
  - (c) Return services limited to minor patching with gel resin, paint touch-up.
  - (d) Assembly/subassembly operations using various adhesives fillers and other sealing type materials.

- (e) Boat cavity foam filling operations.

### **Existing Approvals**

The source has been operating under the following approvals:

- (1) PC (01) 1658, issued on October 20, 1987

### **Enforcement Issue**

There are no Enforcement actions pending.

### **Recommendation**

The staff recommends to the Commissioner that the Part 70 permit be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An administratively complete Part 70 permit application for the purposes of this review was received on May 20, 1996.

A notice of administrative completeness was mailed to the source on February 18, 1997.

### **Emission Calculations**

See Appendix A of this document for detailed PM emissions calculations (one page)

The source has the Emission Statement on File at IDEM for the actual emissions (58 tons of VOC for the 1995). Based on the *Guidance for the Implementation of the U.S.EPA White Paper- Streamlining of Part 70 and FESOP Operating Permit Application*, if the source has the emission statement on file there is no requirements to provide actual emissions. Also, the same document states that applicants are not required to complete the potential to emit section of the Process Information.

### **Potential Emissions**

Pursuant to 326 IAC 1-2-55, Potential Emissions are defined as "emissions of any one (1) pollutant which would be emitted from a facility, if that facility were operated without the use of pollution control equipment unless such control equipment is necessary for the facility to produce its normal product or is integral to the normal operation of the facility."

Pollutant	Potential Emissions (tons/year)
PM	less than 100
PM-10	less than 100
SO <sub>2</sub>	less than 100
VOC	greater than 100, less than 250
CO	less than 100
NO <sub>x</sub>	less than 100

Note: For the purpose of determining Title V applicability for particulates, PM-10, not PM, is the regulated pollutant in consideration.

HAP's	Potential Emissions (tons/year)
Toluene	less than 10
Xylene	less than 10
Methyl-ethyl-ketone	less than 10
Glycols	less than 10
Styrene	greater than 10
TOTAL	greater than 25 TPY

- (a) The potential emissions (as defined in the Indiana Rule) of VOCs are equal to or greater than 100 tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.
- (b) The potential emissions (as defined in Indiana Rule) of a combination HAPs are greater than or equal to twenty-five (25) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.
- (c) Fugitive Emissions  
Since this type of operation is not one of the 28 listed source categories under 326 IAC 2-2 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980. The fugitive particulate matter (PM) and volatile organic compound (VOC) emissions are not counted toward determination of PSD and Emission Offset applicability.

### Actual Emissions

The following table shows the actual emissions from the source. This information reflects the OAM 1995 emission data.

Pollutant	Actual Emissions (tons/year)
PM	-
PM-10	-
SO <sub>2</sub>	-
VOC	58
CO	-
HAP (specify)	not reported
NO <sub>x</sub>	-



### Limited Potential to Emit

The table below summarizes the total limited potential to emit of the significant emission units.

	Limited Potential to Emit (tons/year)						
Process/ facility	PM	PM-10	SO <sub>2</sub>	VOC	CO	NO <sub>x</sub>	HAPs
plant-wide	-	-	-	Less than 250	-	-	-
Total Emissions				Less than 250			

Attached Tables summarize the permit conditions and requirements

### County Attainment Status

The source is located in Adams County.

Pollutant	Status
TSP	attainment
PM-10	attainment
SO <sub>2</sub>	attainment
NO <sub>2</sub>	attainment
Ozone	attainment
CO	attainment
Lead	attainment

Volatile organic compounds (VOC) and oxides of nitrogen are precursors for the formation of ozone. Therefore, VOC and NO<sub>x</sub> emissions are considered when evaluating the rule applicability relating to the ozone standards. Adams County has been designated as attainment or unclassifiable for ozone.

### Part 70 Permit Conditions

This source is subject to the requirements of 326 IAC 2-7, pursuant to which the source has to meet the following:

- (1) Emission limitations and standards, including those operational requirements and limitations that assure compliance with all applicable requirements at the time of issuance of Part 70 permits.
- (2) Monitoring and related record keeping requirements which assume that all reasonable information is provided to evaluate continuous compliance with the applicable requirements.

### **Federal Rule Applicability**

- (a) There are no New Source Performance Standards (326 IAC 12)(40 CFR 60) applicable to this source.
- (b) There are no National Emission Standards for Hazardous Air Pollutants (NESHAP)(40 CFR 63) applicable to this source.

### **State Rule Applicability - Entire Source**

#### **326 IAC 2-2 (Prevention of Significant Deterioration - PSD)**

Pursuant to construction permit PC (01) 1658 issued in October 20, 1987, the total potential to emit VOCs of the entire source is limited to 41,660 pounds per calendar month period (249 TPY). Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 will not apply. The source is not one of the twenty-eight (28) listed sources. Based on the information provided in the permit application the total VOC emissions were divided in 50% from the painting booths (20,830 condition D.1.2.a) and 50% from the gel coating booths and lamination areas (20,830 condition D.2.2.a).

#### **326 IAC 2-6 (Emission Reporting)**

This source is subject to 326 IAC 2-6 (Emission Reporting), because it has the potential to emit more than one hundred (100) tons per year of VOCs. Pursuant to this rule, the owner/operator of the source must annually submit an emission statement for the source. The annual statement must be received by July 1 of each year and contain the minimum requirement as specified in 326 IAC 2-6-4. The submittal should cover the period defined in 326 IAC 2-6-2(8)(Emission Statement Operating Year).

#### **326 IAC 5-1 (Visible Emissions Limitations)**

Pursuant to 326 IAC 5-1-2 (Visible Emissions Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), visible emissions shall meet the following, unless otherwise stated in this permit:

- (a) Visible emissions shall not exceed an average of forty percent (40%) opacity in twenty-four (24) consecutive readings as determined by 326 IAC 5-1-4,
- (b) Visible emissions shall not exceed sixty percent (60%) opacity for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) in a six (6) hour period.

### **State Rule Applicability - Individual Facilities**

#### **326 IAC 8-1-6 (VOC general reduction requirement)**

Pursuant to 326 IAC 8-1-6 (VOC general reduction requirement), the following facilities: four (4) boat cavity foam filling and gel coating booths, identified as, GSB3, GSB4, GSB5, GSB6; six (6) lamination areas, identified as AV2, AV3, AV4, AV5, AV6 and AV7; four (4) stationary booths, identified as, STB1, STB2, STB3, STB4; and five (5) IMRON paint spray booths, identified as, SB1, SB2, SB3, SB4, SB5, which each have the potential emissions of 25 tons or more per year, shall reduce VOC emissions using best available control technology (BACT). In construction permit PC (01) 1658 issued in October 20, 1987, BACT was determined to be VOC emission rates limits of 150 lb/boat, calculated on a monthly average for the following facilities:

- a) Four (4) boat cavity foam filling and gel coating booths, identified as, GSB3, GSB4, GSB5, and GSB6; six (6) lamination areas, identified as AV2, AV3, AV4, AV5, AV6 and AV7 with a maximum capacity of 814 boats per year, using dry filters as control, and exhausting to stacks/vents #9, #10, #11, and #12.
- b) Four (4) stationary booths, identified as, STB1, STB2, STB3, and STB4, with a maximum capacity of 42 boats per year, using dry filters as control, and exhausting to stacks/vents #13, #14, #15, and #16.
- c) Five (5) IMRON paint spray booths, identified as, SB1, SB2, SB3, SB4, and SB5, with a maximum capacity of 814 boats per year, using dry filters as control, and exhausting to stacks/vents #18, #19, #20, #21, and #22.

326 IAC 2-1-3.4 (New Source Toxics Control)

326 IAC 2-1-3.4 does not apply because no new units are planned for construction.

326 IAC 6-3-2 (Process Operations)

Pursuant to PC (01) 1658, issued on October 20, 1987, the particulate matter (PM) overspray from this facility shall be limited by the following:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67} \quad \text{where } E = \text{rate of emission in pounds per hour and} \\ P = \text{process weight rate in tons per hour}$$

Compliance with the 326 IAC 6-3-2 (Process rate operations) shall be demonstrated by using dry filters to control the PM from overspraying.

## Compliance Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAM, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in permit Section D are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also in permit Section D. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

This facility has applicable compliance monitoring conditions for the emission points described under (a), (b), and (c) as specified below:

- (a) the four (4) boat cavity foam filling and gel coating booths, identified as, GSB3, GSB4, GSB5, and GSB6, exhausting to stacks/vents, #9, #10, #11 and #12, and using dry filters as PM control equipment.
- (b) for the four (4) stationary booths, identified as STB1, STB2, STB3 and STB4, exhausting to stacks/vents, #13, #14, #15 and #16, and using dry filters as PM control equipment.
- (c) for the five (5) IMRON paint spray booths, identified as SB1, SB2, SB3, SB4 and SB5, exhausting to stacks/vents, #18, #19, #20, #21 and #22 and using dry filters as PM control equipment.

**BACT requirements 326 IAC 8-1-6**

Pursuant to the construction permit PC (01) 1658 issued in October 20, 1987, the total input VOC shall not exceed 150 lb/boat, calculated on a monthly average basis. This limitation satisfies the BACT requirement of 326 IAC 8-1-6.

**PSD Minor Limit [326 IAC 2-2] [40 CFR 52.21]**

- a) Pursuant to PC-(01) 1658, issued on October 20, 1987, the entire facility, including these nineteen (19) booths identified as, GSB3, GSB4, GSB5, GSB6, AV2, AV3, AV4, AV5, AV6, AV7, STB1, STB2, STB3, STB4, SB1, SB2, SB3, SB4, and SB5, shall use no more than 41,660 lb of VOC per calendar month, including coatings, dilution solvents, and cleaning solvents, per 12 month period.
- b) This usage limit is required to limit the potential to emit of VOCs to less than 250 tons per 12 month period.
- c) Compliance with this limit makes 326 IAC 2-2 (Prevention of Significant Deterioration) not applicable.

**Air Toxic Emissions**

Indiana presently requests applicants to provide information on emissions of the 187 hazardous air pollutants set out in the Clean Air Act Amendments of 1990. These pollutants are either carcinogenic or otherwise considered toxic and are commonly used by industries. They are listed as air toxics on the Office of Air Management (OAM) Part 70 Application Form GSD-08.

- (a) This source will emit levels of air toxics greater than those that constitute major source applicability according to Section 112 of the Clean Air Act.
- (b) Since there are no new emission units being constructed, 326 IAC 2-1-3.4 does not apply.
- (c) 326 IAC 2-1-3.4 does not apply because no new units are planned for construction.

**Conclusion**

The operation of this boat building and repair facility shall be subject to the conditions of the attached proposed Part 70 Permit No. T001-5903-00031.

**Description of facility:** Four (4) boat cavity foam filling and gel coating booths, identified as, GSB3, GSB4, GSB5, and GSB6  
**Max Rating:** 814 boats per year  
**Construction Date:** 1987  
**Control Device (if any):** dry filters  
**Stack/Vent ID:** #9, #10, #11, and #12

**Facility class:** **Description:**

EMISSION LIMITATIONS			
Numerical Emission Limit:	150 lb of VOC per boat	4.8 lb of PM per hour	
Regulation/Citation:	PC (01) 1658	326 IAC 6-3-2(c)	
Compliance Demonstration:	record keeping	use of dry filters	
PERFORMANCE TESTING			
Parameter/Pollutant to be Tested:	-	-	
Testing Method/Analysis:	-	-	
Testing Frequency/Schedule:	-	-	
Submittal of Test Results:	-	-	
COMPLIANCE MONITORING			
Monitoring Description:	-	inspection	
Monitoring Method:	-	observation	
Monitoring Regulation/Citation:	-	-	
Monitoring Frequency:	-	daily	
RECORD KEEPING			
Parameter/Pollutant to be Recorded:	amount of paint (%VOC) used based on MSDS information and # of boats	inspection observations	
Recording Frequency:	after finishing each boat	daily	
REPORTING REQUIREMENTS			
Information in Report:	lb of VOC per boat	significant events	
Reporting Frequency/Submittal:	semi-annual	semi-annual	
Additional Comments:			

**Description of facility:** Four (4) stationary booths, identified as STB1, STB2, STB3, and STB4  
**Max Rating:** 814 boats per year  
**Construction Date:** 1987  
**Control Device (if any):** dry filters  
**Stack/Vent ID:** #13, #14, #15, and #16

**Facility class:** **Description:**

<b>EMISSION LIMITATIONS</b>			
<b>Numerical Emission Limit:</b>	150 lb of VOC per boat	0.1 lb of PM per hour	
<b>Regulation/Citation:</b>	PC (01) 1658	326 IAC 6-3-2(c)	
<b>Compliance Demonstration:</b>	record keeping	use of dry filters	
<b>PERFORMANCE TESTING</b>			
<b>Parameter/Pollutant to be Tested:</b>	-	-	
<b>Testing Method/Analysis:</b>	-	-	
<b>Testing Frequency/Schedule:</b>	-	-	
<b>Submittal of Test Results:</b>	-	-	
<b>COMPLIANCE MONITORING</b>			
<b>Monitoring Description:</b>	-	inspection	
<b>Monitoring Method:</b>	-	observation	
<b>Monitoring Regulation/Citation:</b>	-	-	
<b>Monitoring Frequency:</b>	-	daily	
<b>RECORD KEEPING</b>			
<b>Parameter/Pollutant to be Recorded:</b>	amount of paint (%VOC) used based on MSDS information and # of boats	inspection observations	
<b>Recording Frequency:</b>	after finishing each boat	daily	
<b>REPORTING REQUIREMENTS</b>			
<b>Information in Report:</b>	lb of VOC per boat	significant events	
<b>Reporting Frequency/Submittal:</b>	semi-annual	semi-annual	
<b>Additional Comments:</b>			

Five (5) IMRON paint spray booths, identified as SB1, SB2, SB3, SB4 and SB5, with a maximum capacity of 814 boats per year, using dry filters as control, and exhausting to stacks/vents,.

**Description of facility:** Five (5) IMRON paint spray booths, identified as SB1, SB2, SB3, SB4 and SB5  
**Max Rating:** 814 boats per year  
**Construction Date:** 1987  
**Control Device (if any):** dry filters  
**Stack/Vent ID:** #18, #19, #20, #21, and #22

**Facility class:** **Description:**

<b>EMISSION LIMITATIONS</b>			
<b>Numerical Emission Limit:</b>	150 lb of VOC per boat	1.0 lb of PM per hour	
<b>Regulation/Citation:</b>	PC (01) 1658	326 IAC 6-3-2(c)	
<b>Compliance Demonstration:</b>	record keeping	use of dry filters	
<b>PERFORMANCE TESTING</b>			
<b>Parameter/Pollutant to be Tested:</b>	-	-	
<b>Testing Frequency/Schedule:</b>	-	-	
<b>Submittal of Test Results:</b>	-	-	
<b>COMPLIANCE MONITORING</b>			
<b>Monitoring Description:</b>	-	inspection	
<b>Monitoring Method:</b>	-	observation	
<b>Monitoring Regulation/Citation:</b>	-	-	
<b>Monitoring Frequency:</b>	-	daily	
<b>RECORD KEEPING</b>			
<b>Parameter/Pollutant to be Recorded:</b>	amount of paint (%VOC) used based on MSDS information and # of boats	inspection observations	
<b>Recording Frequency:</b>	after finishing each boat	daily	
<b>REPORTING REQUIREMENTS</b>			
<b>Information in Report:</b>	lb of VOC per boat	significant events	
<b>Reporting Frequency/Submittal:</b>	semi-annual	semi-annual	
<b>Additional Comments:</b>			

**Description of facility:** Four (4) boat cavity foam filling and gel coating booths, identified as, GSB3, GSB4, GSB5, and GSB6  
Five (5) IMRON paint spray booths, identified as SB1, SB2, SB3, SB4 and SB5  
Four (4) stationary booths, identified as STB1, STB2, STB3, and STB4  
Six (6) lamination areas, identified as: AV2, AV3, AV4, AV5, AV6 and AV7  
**Max Rating:** 856 boats per year  
**Construction Date:** 1987  
**Control Device (if any):**  
**Stack/Vent ID:** #3, #4, #5, #6, #7, #8, #9, #10, #11, #12, #13, #14, #15, #16, #18, #19, #20, #21, and #22

**Facility class:** **Description:**

<b>EMISSION LIMITATIONS</b>			
<b>Numerical Emission Limit:</b>	41,660 lb of VOC per month		
<b>Regulation/Citation:</b>	PC (01) 1658		
<b>Compliance Demonstration:</b>	record keeping		
<b>PERFORMANCE TESTING</b>			
<b>Parameter/Pollutant to be Tested:</b>	-		
<b>Testing Method/Analysis:</b>	-		
<b>Testing Frequency/Schedule:</b>	-		
<b>Submittal of Test Results:</b>	-		
<b>COMPLIANCE MONITORING</b>			
<b>Monitoring Description:</b>	-		
<b>Monitoring Method:</b>	-		
<b>Monitoring Regulation/Citation:</b>	-		
<b>Monitoring Frequency:</b>	-		
<b>RECORD KEEPING</b>			
<b>Parameter/Pollutant to be Recorded:</b>	amount of paint (%VOC) used based on MSDS information		
<b>Recording Frequency:</b>	each month		
<b>REPORTING REQUIREMENTS</b>			
<b>Information in Report:</b>	lb of VOC per month		
<b>Reporting Frequency/Submittal:</b>	Quarterly		
<b>Additional Comments:</b>			



**Description of facility:** Six (6) lamination areas, identified as: AV2, AV3, AV4, AV5, AV6 and AV7  
**Max Rating:** 814 boats per year  
**Construction Date:** 1987  
**Control Device (if any):** dry filters  
**Stack/Vent ID:** #3, #4, #5, #6, #7, and #8

**Facility class:** **Description:**

<b>EMISSION LIMITATIONS</b>		
<b>Numerical Emission Limit:</b>	0.7 lb of PM per hour	
<b>Regulation/Citation:</b>	326 IAC 6-3-2(c)	
<b>Compliance Demonstration:</b>	use of dry filters	
<b>PERFORMANCE TESTING</b>		
<b>Parameter/Pollutant to be Tested:</b>	-	
<b>Testing Method/Analysis:</b>	-	
<b>Testing Frequency/Schedule:</b>	-	
<b>Submittal of Test Results:</b>	-	
<b>COMPLIANCE MONITORING</b>		
<b>Monitoring Description:</b>	inspection	
<b>Monitoring Method:</b>	observation	
<b>Monitoring Regulation/Citation:</b>	-	
<b>Monitoring Frequency:</b>	daily	
<b>RECORD KEEPING</b>		
<b>Parameter/Pollutant to be Recorded:</b>	inspection observations	
<b>Recording Frequency:</b>	daily	
<b>REPORTING REQUIREMENTS</b>		
<b>Information in Report:</b>	significant events	
<b>Reporting Frequency/Submittal:</b>	semi-annual	
<b>Additional Comments:</b>		